



IT314 - Software Engineering

G28 – RESTAURANT RESERVATION SYSTEM

Lab 3 – Task 2: Product Backlog

Group Members:

Student ID:

Dev Vyas	202201453
Nisarg Vijaykumar Parmar	202201443
Pandya Stuti Hareshbhai	202201439
Mausam Kalpesh Kamdar	202201372
Rakshit Pandhi	202201426
Parmar Harshil Jaysukhlal	202201371
Patel Ridham Nareshkumar	202201430
Kansara Maulik Kamal	202201442
Vraj Gauravkumar Gandhi	202201425
Rit Rajendra Trambadia	202201424

➤ Product Backlog:

- User:

FRONT	BACK
1. As a user, I want to log in or register so that I can access the features of the platform.	Acceptance Criteria: <ul style="list-style-type: none">▪ Given that the user is on the homepage, when they select "Login/Register", they are prompted to enter their credentials or create a new account.▪ If the user enters valid credentials, the system logs them in successfully. If the user enters invalid credentials, the system shows an error message.
2. As a user, I want to reset my password so that I can regain access to my account if I forget my login details.	Acceptance Criteria: <ul style="list-style-type: none">▪ The user can request a password reset link by providing their registered email.▪ The system sends a reset link via email, allowing the user to set a new password.▪ The system confirms the password reset once completed.
3. As a user, I want to search by location, dish, or restaurant so that I can find options based on my preferences.	Acceptance Criteria: <ul style="list-style-type: none">▪ When the user enters a search query for a dish, location, or restaurant, the system shows relevant results based on the search.▪ If no results are available, the system informs the user of the lack of availability.
4. As a user, I want to check the availability of the restaurant so that I can know if there is space for my reservation.	Acceptance Criteria: <ul style="list-style-type: none">▪ When the user selects a restaurant, the system displays the available time slots and dates.▪ If no availability is present, the system informs the user with a message.

<p>5. As a user, I want to make a reservation at a restaurant on my preferred date and time so that I can plan my visit accordingly.</p>	<p>Acceptance Criteria:</p> <ul style="list-style-type: none"> ▪ When the user selects an available slot, they can confirm the reservation with details including time, date, and the number of guests. ▪ The system sends the user a confirmation message once the reservation is made.
<p>6. As a user, I want to modify my reservation so that I can adjust it if my plans change.</p>	<p>Acceptance Criteria:</p> <ul style="list-style-type: none"> ▪ Given that the user has an existing reservation, they can update the date, time, or guest number, provided availability allows. ▪ If the reservation is successfully modified, the system sends an updated confirmation to the user.
<p>7. As a user, I want to cancel my reservation if needed so that I am not charged or blocked from future bookings.</p>	<p>Acceptance Criteria:</p> <ul style="list-style-type: none"> ▪ The user can select an option to cancel the reservation, and once confirmed, the system successfully cancels it. ▪ The system sends a message confirming the cancellation.
<p>8. As a user, I want to receive updates on my reservation so that I am informed of any changes.</p>	<p>Acceptance Criteria:</p> <ul style="list-style-type: none"> ▪ If the reservation is modified by the restaurant, the system sends a notification to the user with the updated details.
<p>9. As a user, I want to subscribe to offers and discounts so that I can save on future bookings.</p>	<p>Acceptance Criteria:</p> <ul style="list-style-type: none"> ▪ When the user subscribes, the system notifies them of current and future offers or discounts. ▪ If the user unsubscribes, the system stops sending updates to them.

10. As a user, I want to pay subscription fees so that I can unlock premium features or discounts.	Acceptance Criteria: <ul style="list-style-type: none"> ▪ The user can make a payment via the platform's available methods. ▪ Once the payment is successful, the system sends a confirmation to the user and grants access to subscription benefits.
11. As a user, I want to receive a receipt after making a reservation so that I have proof of the reservation.	Acceptance Criteria: <ul style="list-style-type: none"> ▪ After completing a reservation, the system sends a receipt to the user via email or SMS with the details of their reservation.
12. As a user, I want to view my past reservations so that I can keep track of where and when I've dined.	Acceptance Criteria: <ul style="list-style-type: none"> ▪ Users can access a "Reservation History" section. ▪ The history displays previous reservations with details (restaurant, date, time, status). ▪ Users can sort/filter the history by date or restaurant.
13. As a user, I want to leave a review after dining at a restaurant so that I can share my experience with others.	Acceptance Criteria: <ul style="list-style-type: none"> ▪ Users can leave a review after a completed reservation. ▪ The review includes a rating (e.g., 1 to 5 stars) and optional comments. ▪ The system sends a confirmation after the review is successfully posted.

14. As a user, I want to add a restaurant to my favorites so that I can quickly access it for future reservations.

Acceptance Criteria:

- Users can add/remove restaurants to/from their favorites list.
- Users can view their list of favorite restaurants in a dedicated section.
- Users can quickly navigate to the restaurant's page from the favorites list.

15. As a user, I want to view the restaurant's menu before making a reservation so that I can decide if it meets my preferences.

Acceptance Criteria:

- Users can view a detailed menu on the restaurant's page.
- The menu includes descriptions, prices, and dietary labels (e.g., vegetarian, gluten-free).
- Users can make a reservation directly from the menu page.

16. As a user, I want to receive an email or SMS confirmation after successfully paying for a reservation or subscription so that I have a record of the transaction.

Acceptance Criteria:

- The system sends an automatic confirmation after the payment is processed.
- The confirmation includes payment details, reservation details, and a receipt.
- Users can choose whether to receive confirmations via email or SMS in their profile settings.

- Restaurant Owner:

FRONT	BACK
1. As a restaurant owner, I want to register my restaurant on the platform so that it is visible to users for reservations.	Acceptance Criteria: <ul style="list-style-type: none"> ▪ When the restaurant owner provides all required details for their restaurant, the system submits the registration for admin approval. ▪ Once approved, the restaurant appears on the platform for users to see.
2. As a restaurant owner, I want to update my restaurant details so that I can ensure accurate information is displayed.	Acceptance Criteria: <ul style="list-style-type: none"> ▪ The restaurant owner can edit their restaurant's description, menu, photos, and other details as needed, and the system successfully saves the changes.
3. As a restaurant owner, I want to update my restaurant's availability so that users know when reservations are possible.	Acceptance Criteria: <ul style="list-style-type: none"> ▪ The restaurant owner can manage availability by setting available time slots, and the system reflects these changes immediately for users.

- Admin:

FRONT	BACK
1. As an admin, I want to authorize restaurant registrations so that only verified restaurants are available on the platform.	Acceptance Criteria: <ul style="list-style-type: none"> ▪ The admin can view all pending restaurant registrations and either approve or reject them with comments. ▪ Once approved, the system adds the restaurant to the platform for users.
2. As an admin, I want to manage system users so that I can maintain platform integrity and prevent misuse.	Acceptance Criteria: <ul style="list-style-type: none"> ▪ The admin can suspend or deactivate user accounts that violate terms of service. ▪ The system notifies the affected user of any actions taken against their account.
3. As an admin, I want to authorize reservations so that they comply with platform standards.	Acceptance Criteria: <ul style="list-style-type: none"> ▪ The admin can view and approve or reject reservations, and the system sends notifications to users and restaurant owners accordingly.
4. As an admin, I want to authorize payments so that all transactions are secure and legitimate.	Acceptance Criteria: <ul style="list-style-type: none"> ▪ The admin can monitor and approve payments made on the platform, ensuring the system records all successful transactions.